

**AMENDMENTS TO THE SPECIFICATION**

Please add on page 1, line 2, the following heading:

-- BACKGROUND OF THE INVENTION --.

Please rewrite the paragraph on page 1, lines 3-6, as follows:

-- The invention relates to a particle injector for introducing particles into a carrier flow of a microfluidic system, in particular for injecting biological cells into the carrier flow of a cell sorter, according to the preamble of Claim 1. --

Please add on page 2, line 1, the following heading:

-- SUMMARY OF THE INVENTION --.

Please delete in its entirety the paragraph on page 2, lines 10-12.

Please add on page 8, line 5, the following heading:

-- BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWINGS --.

Please add on page 9, line 1, the following heading:

-- DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS --.